

CURRENT MAJOR PROJECTS

CABOT ARKANSAS



10-15-2018

*Alone we can do so little;
Together we can do so much!*
-HELEN KELLER

Health, safety, education, quality, professionalism, and progress every day!

NORTH CABOT INTERCHANGE

City is partnering with the AHTD and is contributing \$10,180,000, Bid awarded by AHTD 12/12/2016 \$25,525,894

610 days to complete

- ❖ *Cabot is also paying for Ramp Lighting \$517,337*
- ❖ *City will add decorative lighting on the overpass at a later date*



- ❖ Project management by the Arkansas Highway and Transportation Department and city; environmental and design underway
- ❖ Engineering (environmental and design) by ICA Infrastructure Corporation of America and surveys by GarverUSA
- ❖ Phase I is traffic signal and intersection reconstructed for interchange at SH 367 and SH 38 in 2014
- ❖ Due to the interchange, significant growth will mature in the northwest sector of the City between US 67/167 and SH 5 and north of SH 89 west due to available land for both commercial and residential development and being in the Cabot Water & Wastewater service provider area
- ❖ Will provide north loop to the City of Cabot in order to relieve traffic workload on the city streets and highways
- ❖ Significant economic development is expected to emanate from the interchange
- ❖ Current projected schedule:
 - AHTD funding in 2016 / 2020 STIP Statewide Transportation Improvement Program, city funding arrangements made with bond funding
 - 4th quarter 2016 advertisement and bid letting
 - **1st quarter 2017 construction begins 610 days to complete**
 - **Construction complete late 2018**
 - Connector SH 38 to Second Street will be four lanes with a turn lane and have curb and gutter with sidewalks on both sides plus extra ramp to avoid cross traffic on the north side of US 67/167

Arkansas Highway And Transportation Department Final Design

Project will include interchange lighting



North Cabot Interchange Construction 05/2017



North Cabot Interchange Construction 06/2017



North Cabot Interchange Construction 06/2017



North Cabot Interchange Construction 07/2017



North Cabot Interchange Construction 09/2017



North Cabot Interchange Construction 10/2017



North Cabot Interchange Construction 11/24/2017



North Cabot Interchange Construction 02/11/2018



North Cabot Interchange Construction 03/08/2018



North Cabot Interchange Construction 03/23/2018



North Cabot Interchange

Construction 06/18/2018

Project on schedule for completion late 2018 or sooner



North Cabot Interchange

Construction 07/31/2018

Project on schedule for completion late 2018 or sooner



North Cabot Interchange Construction 10-12/2018

Project on schedule for completion late 2018 or sooner



**US 67 / 167 four to six lanes
Jacksonville to Cabot
Bid awarded by ArDOT 12/12/2016
\$79,264,377 300 days to complete
Construction starts in early 2017
09/05/2017 Contract Renegotiated and Extended to fall 2018
Exit 16 SH 321 and 5
*Cabot***



***Vandenberg Exit 11
Jacksonville
Entrance to
Little Rock Air Force Base***



- *Two lanes each direction will remain open at all times during construction*
- *Brand new six lanes 4.6 miles*

US 67 / 167 four to six lanes Jacksonville to Cabot 05/2017



US 67 / 167 four to six lanes Jacksonville to Cabot 06/2017



US 67 / 167 four to six lanes Jacksonville to Cabot 08/2017



US 67 / 167 four to six lanes Jacksonville to Cabot 06/18/2018



CABOT DOG PARK

**TO BE BUILT AT THE CABOT COMMUNITY POND AND WALKING TRAIL
CONSTRUCTION BEGINS EARLY 2017 WITH COMPLETION PROJECTED FOR
09/16 2017 with Grand Opening on that date @ 9 am
Two fenced in areas for large and small dogs**



Dog Park will be on the north side

CABOT DOG PARK

**BUILT AT THE CABOT COMMUNITY POND AND WALKING TRAIL
COMPLETION 09/16/2017**

Two fenced in areas for large and small dogs



**LEFT TURN LANES
SPORTSPLEX
Complete 10-14-2016
\$146,000 funded AHTD**



NEW SENIOR CITIZENS CENTER at renovated old library 2017



**Phase I congregate area
Renovation in progress
Completion July 5, 2017
Phase II Kitchen / Dining
Projected completion 1st Quarter 2018**

Old Senior Center will be a small event center

NEW SENIOR CITIZENS CENTER at renovated old library 2017



NEW SENIOR CITIZENS CENTER at renovated old library 2017



NEW SENIOR CITIZENS CENTER at renovated old library 2017



NEW SENIOR CITIZENS CENTER at renovated old library 2017



NEW SENIOR CITIZENS CENTER at renovated old library 2017



NEW SENIOR CITIZENS CENTER

Phase II Kitchen / Dining

03/19/2018 & 06/18/2018

Projected Completion July 31, 2018



NEW SENIOR CITIZENS CENTER

Phase II Kitchen / Dining

03/19/2018 & 06/18/2018

Complete 07/31/2018



NEW SENIOR CITIZENS CENTER

Phase II Kitchen / Dining

Complete 07/31/2018



NEW CENTRAL FIRE STATION
Corner of Richie Road and South 2nd Street
Bid Opening March 27, 2018
Construction begins May 2018
Projected Completion January 2019



NEW CENTRAL FIRE STATION

Corner of Richie Road and South 2nd Street
Bid Opening March 27, 2018
Construction begins May 2018



NEW CENTRAL FIRE STATION

6/18/2018



NEW CENTRAL FIRE STATION

07/24/2018



NEW CENTRAL FIRE STATION

08/07/2018



NEW CENTRAL FIRE STATION

08/31/2018



NEW CENTRAL FIRE STATION

09-17-2018



NEW CENTRAL FIRE STATION

10-12-2018



LIBRARY



CABOT
PUBLIC
LIBRARY



SCHELLE ARCHITECT
204 NORTH FIRST
CABOT, ARKANSAS

Complete and in Operation 10/31/2015
Built as projected design, time and cost

LIBRARY

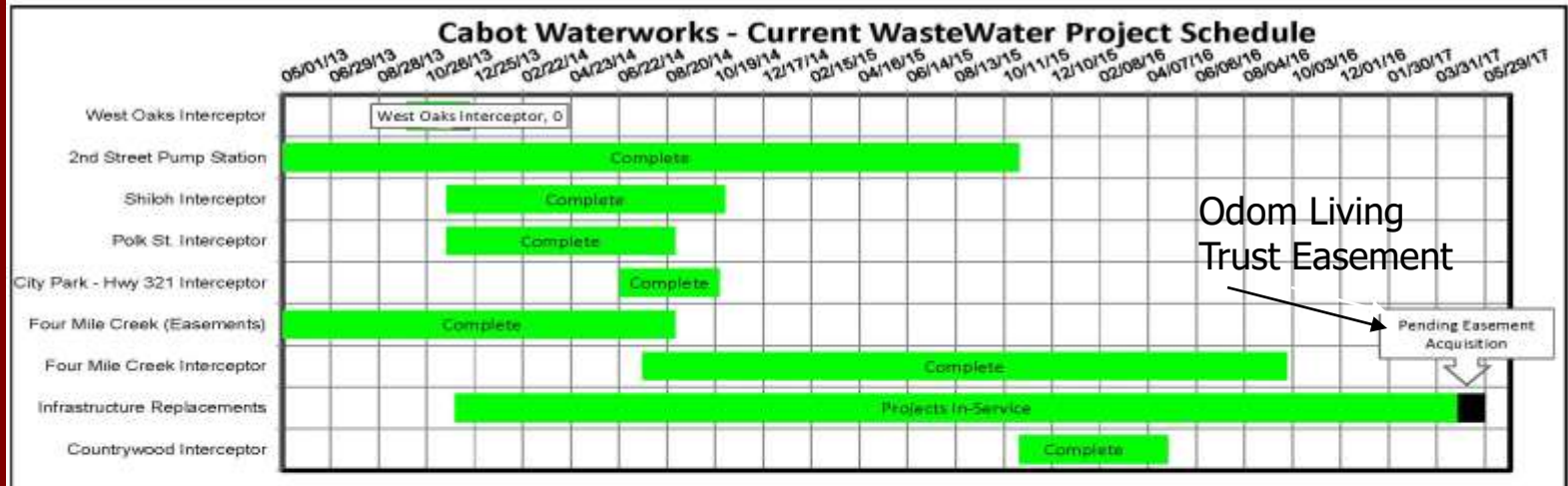


LIBRARY



WASTEWATER COLLECTION SYSTEM UPGRADES

Projects basically completed on budget and time given rain delays, eliminated 11 pump stations with significant O & M savings and ROI, return on investment



As of: 4/26/2017

	Sales Tax Funded Projects			Retired Pump Stations	Retired Pump Stations
	Budget \$	Forecast Total	Variance		
West Oaks Interceptor	\$ 150,000	\$ 144,228	\$ (5,772)	1	West Oaks PS
2nd Street Pump Station	\$ 745,000	\$ 745,000	\$ -	-	
Shiloh Interceptor	\$ 720,000	\$ 526,739	\$ (193,261)	1	Shiloh PS
Polk St. Interceptor	\$ 1,100,000	\$ 862,083	\$ (237,917)	4	Polk, Jr High North, Industrial 1 & 2 PS
City Park - Hwy 321 Interceptor	Funded By Parks and Rec			-	
Four Mile Creek Interceptor	\$ 4,785,000	\$ 4,392,924	\$ (392,076)	3	GreyStone PS, Greystone Comm, Turnberry PS
Countrywood Interceptor	\$ 200,000	\$ 171,298	\$ (28,702)	-	
Infrastructure Replacements	\$ 500,000	\$ 1,366,838	\$ 866,838	2	Kerr Station and Timberwood PS
Interest on Funds		\$ (9,111)	\$ (9,111)	-	
Totals	\$ 8,200,000	\$ 8,200,000	\$ -	11	

2013 Sales Tax Bond WW Collection Improvement Projects

- ❖ Construct Major Sewer Collectors/Interceptors to increase capacity and reduce SSO's
- ❖ Retired 11 Sewer Pump Stations, from 41 to 30
 - ❖ Reduce future O&M costs
 - ❖ Present Worth of 50 Year O&M savings \$8,565,555
 - ❖ Equivalent Annual Cost (EAC) savings \$348,877/Year
 - ❖ O&M Savings provides additional Capital for Infrastructure Replacements

WASTEWATER COLLECTION SYSTEM UPGRADES

Shiloh and Polk Street Interceptors & Four Mile Creek Pump Station



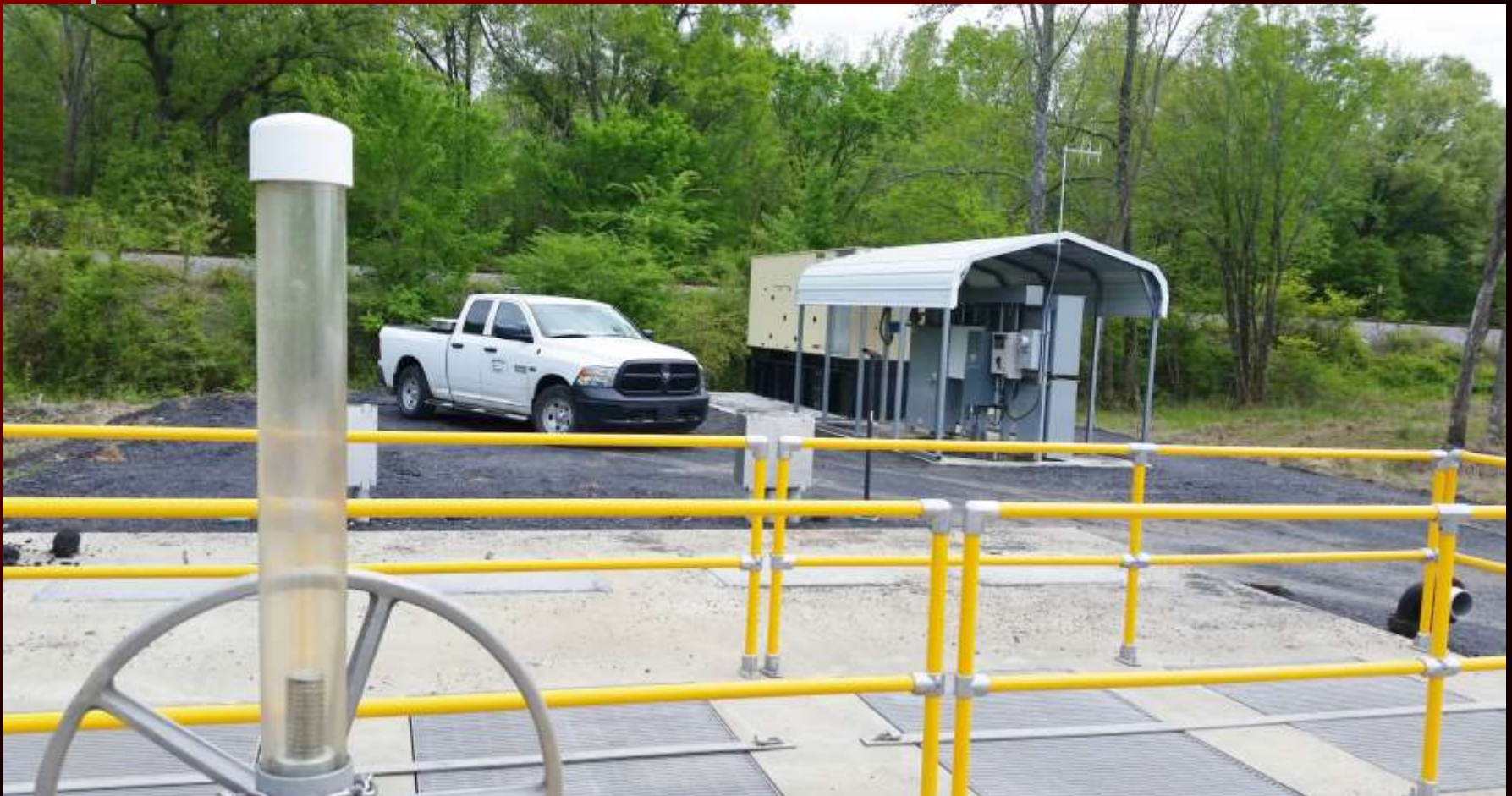
WASTEWATER COLLECTION SYSTEM UPGRADES

State Highway 321 and Sports/Aquatic Complex Gravity Line



WASTEWATER COLLECTION SYSTEM UPGRADES

Four Mile Creek Pump Station from the Northwest part of the city



WASTEWATER COLLECTION SYSTEM UPGRADES



**New WasteWater Sludge Lagoon
@ WasteWater Treatment Facility**



Four Mile Creek Sleeve

Under US 67 / 167



Four Mile Creek Pump Station



Bore SH 321 Sports Complex



**Gravity Line SH 321
To Treatment Facility**

WASTEWATER COLLECTION SYSTEM UPGRADES

Four Mile Creek Interceptor 06/02/2015



WASTEWATER COLLECTION SYSTEM UPGRADES

Four Mile Creek Interceptor 06/30/2015
Adjacent to BMX Track at Lonoke County Regional Park
& 10/05/2015 Pipe is to Greystone Lift Station



WASTEWATER COLLECTION SYSTEM UPGRADES

**Final connection to the Greystone Commercial Lift Station
09/01/2016**



- ❖ Project management by Cabot WaterWorks, engineering by Crist Engineers
- ❖ The collection system will continually need to be upgraded with the express purpose of eliminating inflow, infiltration, and sanitary sewer overflows
- ❖ This can be accomplished with bond improvements or rate increases
- ❖ Infrastructure improvements are better funded with sales and use tax bonds rather than rates
- ❖ The bond improvements project is of significance in reducing long term operations and maintenance costs, lower rates, and providing long term capacity for revenue from developers, new connections and economic development
- ❖ All construction done by Cabot WaterWorks crews

- ❖ Projected target date for all projects to be complete, 3rd quarter 2016, all projects are on budget to date:
 - 4th quarter 2013, Ford Bottoms Interceptor **COMPLETE** on Time and Budget (Project outside of bond funding)
 - 4th quarter 2013, West Oaks Interceptor **COMPLETE** On Time and Budget
 - 2nd quarter 2014, Polk Street Interceptor, delayed by weather, in service 07/30/2014 **COMPLETE** On Time and Budget
 - 3rd quarter 2014, Shiloh Interceptor **COMPLETE**
 - 2nd quarter 2014, Four Mile Creek (2nd St) Pump Station, **COMPLETE** In Service July 10, 2014, on Time and Budget, very slight delay by weather
 - 2ND QUARTER 2016, Four Mile Creek Interceptor, Greystone Lift Station out of service 4th quarter 2015, pipe is laid to Greystone lift station, out of service November 12, 2015, **COMPLETED**
 - 3RD quarter 2016, Country Wood Interceptor **COMPLETE**
 - 3rd quarter 2016, Infrastructure Replacements, completed with the exception of one project being held up due to procurement of easement from property owner, **will be completed under routine project management**
 - 2nd quarter 2014, Sports and Water Complex, delayed by weather and value engineering for wastewater infrastructure cost savings and availability of trunk capacity to the southeast part of the city, will be complete in advance of requirement of Sports Complex **COMPLETE** 10/31/2014 on Budget
 - 2nd quarter 2014, Sludge Pond Reclamation (Project outside of bond funding), delayed by wet weather, **COMPLETE** 10/01/2014

CABOT SPORTSPLEX

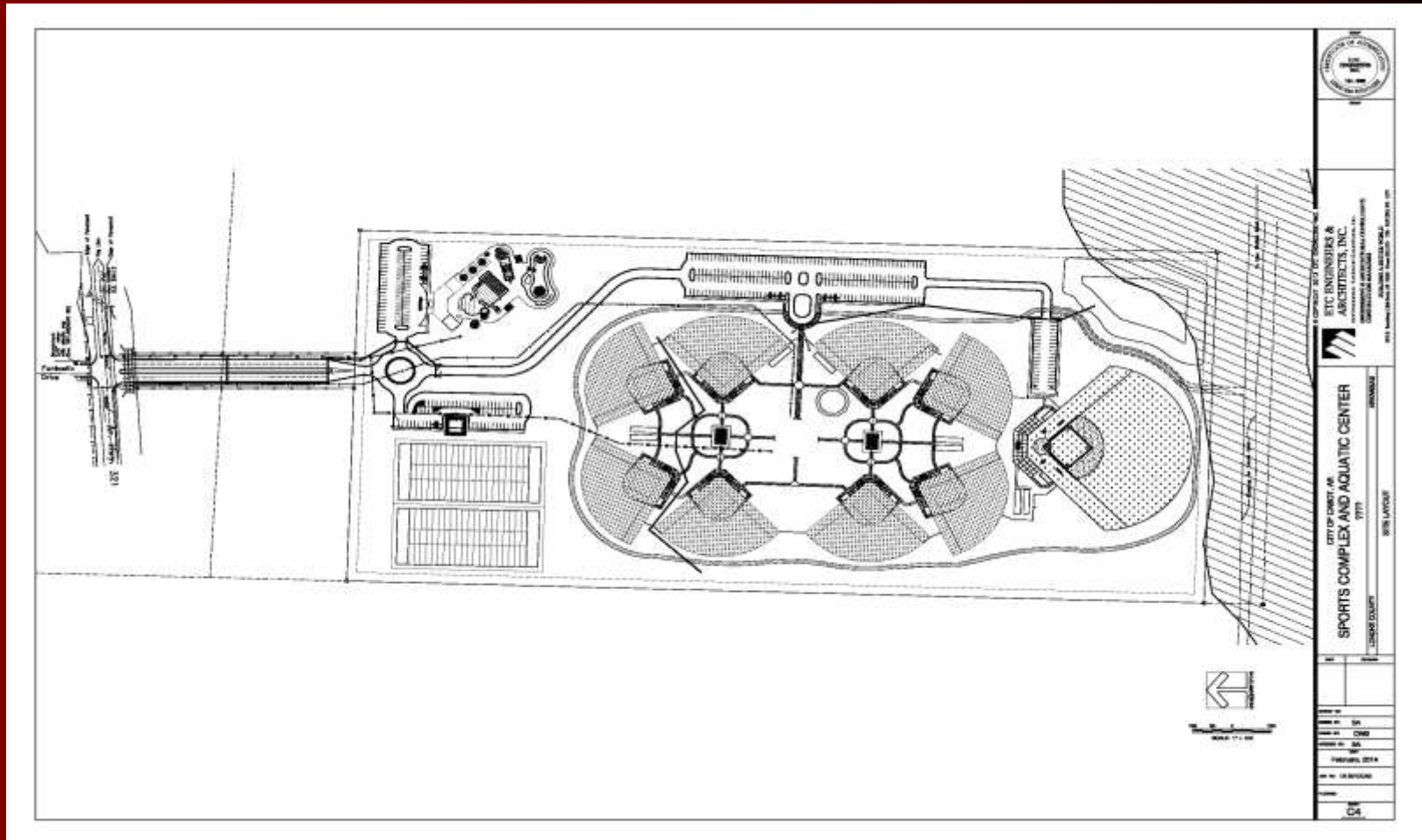
With Two New Football Fields

Complete 05/21/2016



CABOT SPORTSPLEX

Given inability to mitigate wetlands issues with the Corp of Engineers at Allman / Bevis and moving football fields to the Sportsplex and repurposing the footballs fields at Allman / Bevis to softball fields, with value engineering and cost containment, project built as projected and on time given extensive weather days and 1.97 % over projected cost, including the aquatic complex, and covered with City Council approved funding



❖ Cabot Sports Complex



Cabot Sports Complex



Cabot Sports Complex

2016 & 2017

- Baseball Tournaments
 - Baseball Concession up 14.49%
 - Baseball Gate up 75.33%
 - Tournament Teams up 10.48%

SOFTBALL FIELD EXPANSION AND UPGRADES Allman / Bevis Complex

CITY OF CABOT ALLMAN-BEVIS SOFTBALL FIELDS



Complete



**ETC ENGINEERS &
ARCHITECTS, INC.**
1115 S. BRIDGES
SUITE 100, COLUMBIA, MISSOURI 65201
TEL: 636.725.1111
FAX: 636.725.1112
WWW.ETCENGINEERS.COM

CABOT AQUATIC PARK

Complete 05/21/2016





CITY OF CABOT CABOT AQUATIC PARK



Cabot Aquatic Park



Cabot Aquatic Park



Cabot Aquatic Park



Cabot Aquatic Park 2016 & 2017

- Aquatic Concessions up 2.94%
- Aquatic Gate up 10.48%
- There were seven more rain days in 2017 versus 2016
- Park includes
 - 3 water slides
 - Lazy River
 - Lap Pool
 - Kids Play Structure

VETERANS PARK COMMUNITY CENTER EVENT AND EXERCISE FACILITY

with Safe Room & Modifications to Community Center



COMPLETE 05/01/2017

**Project built as projected and on time given extensive weather days,
utility and foundation issues and 1.27 % over projected cost**

VETERANS PARK COMMUNITY CENTER EVENT AND EXERCISE FACILITY with Safe Room



Event Center Complete 02/09/2017

With first event by the Cabot Community Theatre
"Smoke on the Mountain"



Veteran's Park Event Center



Veteran's Park Event Center Safe Room

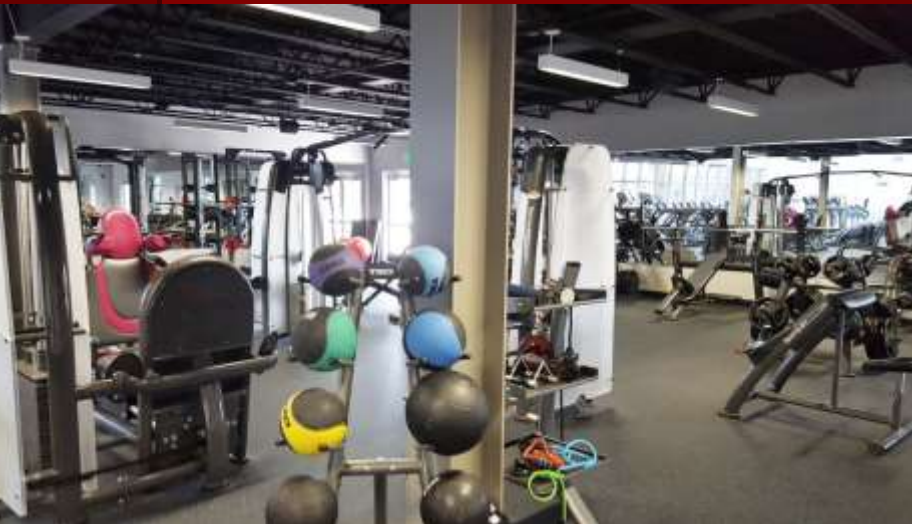


Veteran's Park Exercise Center Complete 02/28/2017



Racquetball Court

Veteran's Park Exercise Center Complete 02/28/2017



- ❖ Project complete
- ❖ Project management by the Parks and Recreation Commission and supported by the city who owns the property
- ❖ Engineering by ETC Engineers & Architects, Inc.
- ❖ Project includes significant banquet and exercise facilities providing banquet seating for 600 to 800 persons, depending on type of table setting, portable stage, kitchen areas, and adequate parking
- ❖ Exercise facility includes additional space and equipment
- ❖ Home of the Cabot Community Theatre
- ❖ Will attract groups and functions from outside Cabot
- ❖ Has a Safe Room for up to 250 people
- ❖ Conceptual design complete January 2015, final design complete May 2015
- ❖ Bid Complex June 2015, bid opening 07/14/2014
- ❖ Contract awarded to Dayco Construction, Damascus, Arkansas
- ❖ Groundbreaking 09/11/2015 @ 9 am and start construction

RICHIE ROAD PARK ALL INCLUSIVE PLAYGROUND

Projected Completion July 2, 2018

- ❖ **Designed for creating meaningful play environments for people of all ages and abilities**



RICHIE ROAD PARK ALL INCLUSIVE “Playground without Limits”

Completed July 6, 2018

- ❖ **Designed for creating meaningful play environments for people of all ages and abilities**



HIGHWAY 5 FIRE STATION

Complete 2015 built as projected design, time and cost



HIGHWAY 5 FIRE STATION



MAIN STREET STREETSCAPE



MAIN STREET STREETSCAPE

Phase I Complete 12/31/2014



MAIN STREET STREETSCAPE

Phase II 03/12/2018



MAIN STREET STREETSCAPE

Phase II 08/08/2018



- ❖ Renovate Main Street from 4th Street to 10th Street
Phase I 4th to 9th Street and Phase II from 9th to 10th Street
- ❖ Engineering by Jacobs Engineering Group
- ❖ Add sidewalks to both sides of street
- ❖ Add curb & gutter to both sides of the street
- ❖ Add landscaping to both sides of the street
- ❖ Future expansion to railroad tracks and exit 19 Phase III
- ❖ Provide very attractive gateway to the city
- ❖ Final design is approved by the AHTD
- ❖ Bid awarded on 03/17/2014
- ❖ Construction project management by Public Works

- ❖ Phase I **COMPLETE**
- ❖ Phase IA 1st Street to 2nd Street projected completion 1st quarter 2015 city budget funding **COMPLETE**
- ❖ Phase II 9th to 10th Streets 03/03/2015 final design complete, 20% city match grant in hand with 80% match by grant of \$362,248, construction 2017 / 2018, contract awarded to Jcon of Bryant, Arkansas 06/19/2017 \$449,780, projected cost \$472,810, completion summer 2018
- ❖ Phase III 2nd Street to 4th Street projected completion 1st quarter 2016 city budget funding with potential grants, delayed by other priority projects, grant funding, and lighting provided by the private sector
- ❖ Phase IV 10 Street west to Exit 16 to be determined based on final design and funding both potential grants and city budget funding

FIRST STREET SIDEWALK PROJECT

Allman / Bevis Park to Downtown

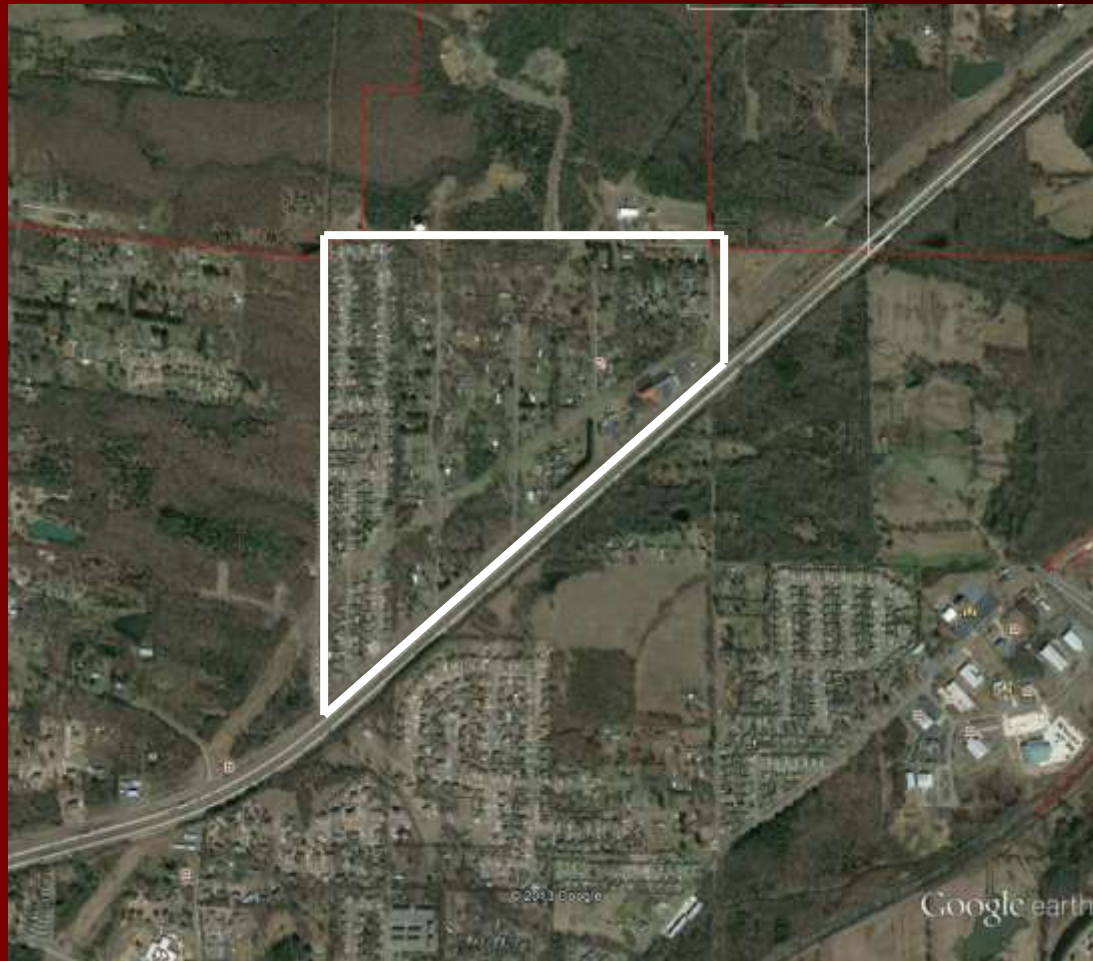
72% Complete

28% Planned



HIGHLANDS DRAINAGE IMPROVEMENTS

Complete 12/31/2016



- ❖ Project management by the Public Works Committee and Public Works staff
- ❖ Engineering by Engineering Services, Inc., Springdale, Arkansas
- ❖ Address flash flooding issues with significant rain events
- ❖ Use \$500,000 bond funding and \$421,635 Street and General budgeted funding for corrective action projects to previously identified damaged properties by priority, considered maintenance of an existing drainage way
- ❖ Focused on residents already reported reports of drainage issues and damage.
- ❖ Scope of project and target dates will be determined in 2014 by the engineering firm
- ❖ Engineering work is in progress
- ❖ Final design complete by October 3 2014, delayed by extensive City Engineer and staff review
- ❖ Final plan staff and technical review with Highlands community town hall meeting to follow on November 13, 2014, 7 pm at the Briarwood Baptist Church 1872 Willie Ray Drive
- ❖ Follow up town hall meeting held February 26, 2015 and presented full plan including easement acquisition

Projected Time Frames

Highlands Drainage Improvements

Final Plan revised 06/30/2015

07/17/2015 Revised plans complete including easement comments

07/26/2015 and 08/02/2015 Advertise bid in ArDemGaz

08/17/2015 City Council resolution authorizing mayor and clerk / treasurer to negotiate and sign contract

09/10/2015 Bids received, one bidder and rejected too high, see next slide

Projected Time Frames

Highlands Drainage Improvements

Second Revised Plan

01/24 & 31/2016 Advertise bid in ARDemGaz

02/25/2016 Bids received, Low Bidder Gene Summers Construction
\$804,461

March and April, 2016

- City Council Approval to Proceed in March
- Execute Contract Documents Early April
- Pre-construction Meeting with Contractor Mid April
- Begin work May, 2016
- Complete work projected late 2016
- Due to good weather, so far way ahead of schedule, could be complete by late July or early August 2016

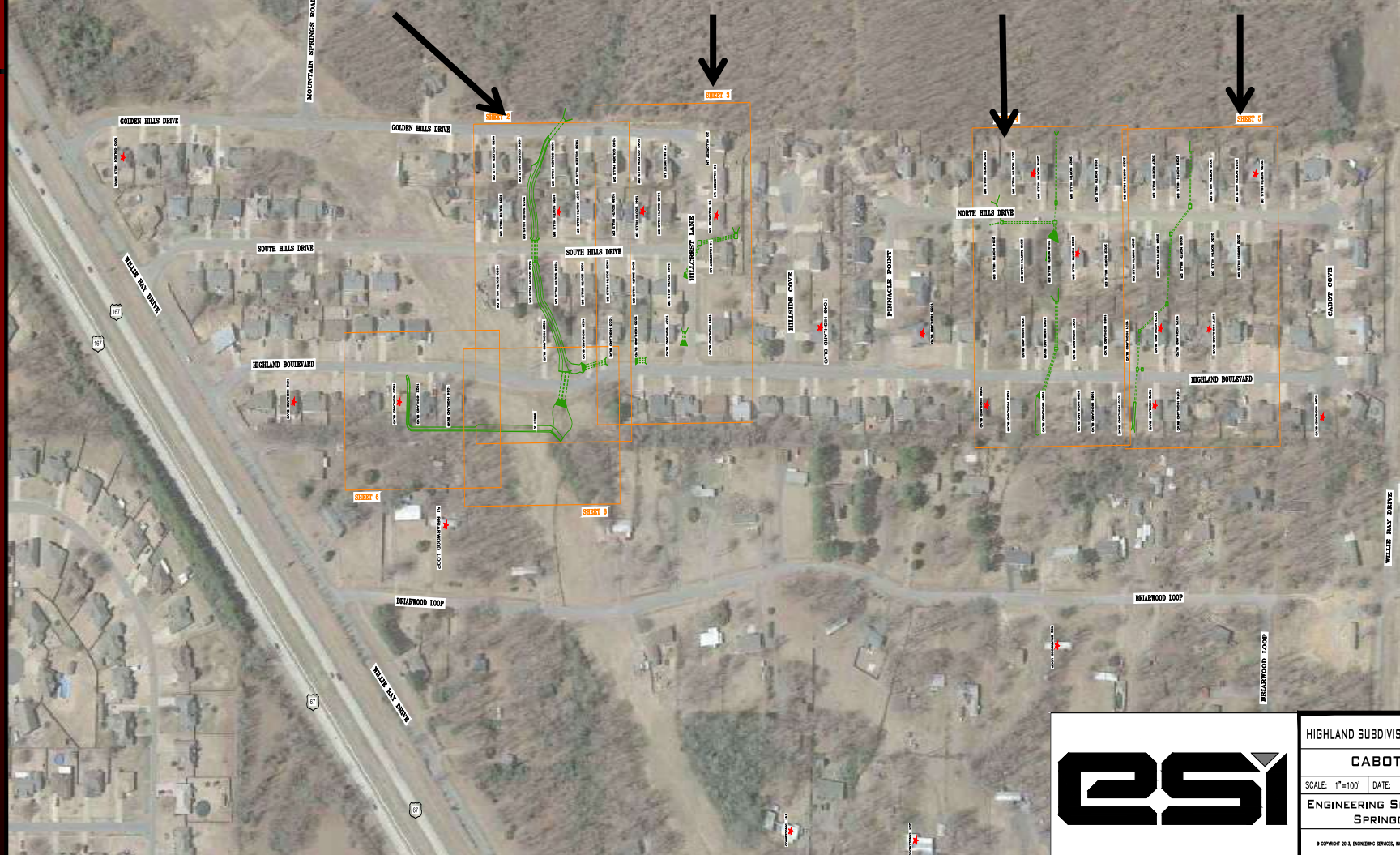
Drainage Basins by Priority

Basin 1

Basin 2

Basin 3

Basin 4



- ★ DAMAGE DUE TO FLOODING
- PROPOSED STORM DRAINAGE



HIGHLAND SUBDIVISION DRAINAGE IMPROVEMENTS

CABOT, ARKANSAS

SCALE: 1"=100' DATE: November 2014 DRAWN BY: DKW

ENGINEERING SERVICES, INCORPORATED
SPRINGDALE, ARKANSAS

© COPYRIGHT 2014, ENGINEERING SERVICES, INC. W.O.# 13949 SHEET 1

DRAINAGE BASIN 1

Construction Phase I

Complete

- ❖ **New concrete drainage flow ditch, most will not be constructed at this time due to lack of easements**
- ❖ **New increased capacity box culverts at three street crossings**
- ❖ **New velocity dissipater at lower end of basin**

DRAINAGE BASIN 2

Construction Phase I

Complete

- ❖ **Regrade flow of basin ditch on immediate adjacent property**
- ❖ **Improvement to flow in road ditches**
- ❖ **Where necessary, replace driveway and street culverts**

DRAINAGE BASIN 3

Construction Phase II

Complete

- ❖ **Culvert capacity improvement**
- ❖ **New increased capacity culverts at two street crossings**
- ❖ **Construct detention pond, property is already secured**
- ❖ **New velocity dissipater at lower end of basin**

DRAINAGE BASIN 4

Will not be completed due to lack of easements

- ❖ **Culvert capacity improvement**
- ❖ **New increased capacity box culverts at two street crossings**
- ❖ **New velocity dissipater at lower end of basin**

HIGHLANDS DRAINAGE IMPROVEMENTS

06/14/2016



HIGHLANDS DRAINAGE IMPROVEMENTS

06/14/2016



HIGHLANDS DRAINAGE IMPROVEMENTS

08/05/2016



HIGHLANDS DRAINAGE IMPROVEMENTS

08/19/2016



HIGHLANDS DRAINAGE IMPROVEMENTS

08/29/2016



HIGHLANDS DRAINAGE IMPROVEMENTS

10/21/2016
and Complete 12/22/2016

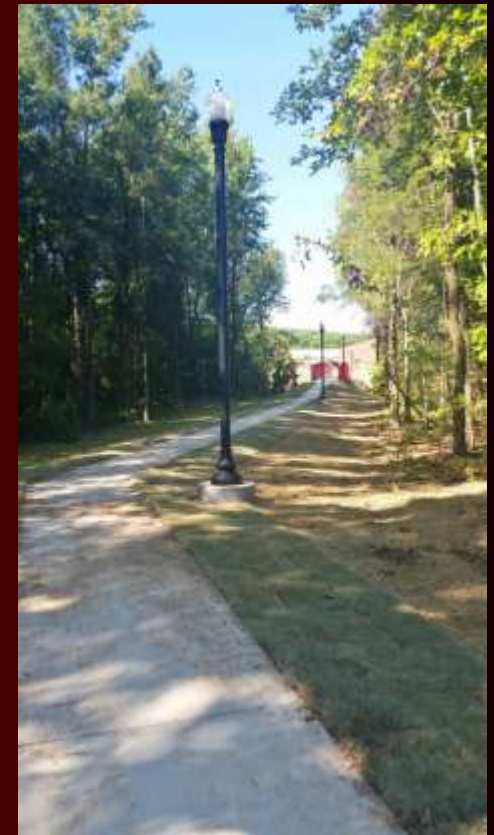


MAGNESS CREEK SAFE ROUTE TO SCHOOL COMPLETE 08/13/2015



MAGNESS CREEK SAFE ROUTE TO SCHOOL

Built as projected design, time and cost



COMMUNITY CENTER REPAIR and RENOVATION

Project COMPLETE on projected design, time and cost

***Facility constructed and opened in 2006
Renovation required due to construction
and design flaws 2013 - 2014
Total repair and renovation cost \$894,720***



ROUNDABOUTS

**LINCOLN STREET AT LOCUST AND SPIRIT DRIVE
ONE ON SCHOOL PROPERTY SPIRIT DRIVE TO NEW
FRESHMAN ACADEMY**



**OPEN 08/12/2014
LOCUST**



08/12/2014

**OPEN 08/04/2014
SPIRIT DRIVE both on projected design,
time and cost**

New traffic signal at SH 367 & SH 38*

with redesign for road to new interchange

Traffic signal and SH 367 & 38 renovation complete by 12/31/2014

Project Management by Arkansas Highway and transportation department

Complete 10/23/2014 on projected design, time and cost



New traffic signal at SH 367 & SH 38 with redesign for road to new interchange



CITY ANNEX CABOT DISTRICT COURT SECURITY ENHANCEMENTS

Complete on projected time and cost



CITY BEAUTIFICATION PROJECTS

**US 67 / 167 FROM LONOKE COUNTY LINE TO NORTH OF EXIT 19
And other roadways in the city**



CITY BEAUTIFICATION PROJECTS

**US 67 / 167 FROM LONOKE COUNTY LINE TO NORTH OF EXIT 19
And other roadways in the city**



CITY BEAUTIFICATION PROJECTS

**US 67 / 167 FROM LONOKE COUNTY LINE TO NORTH OF EXIT 19
And other roadways in the city**



CITY BEAUTIFICATION PROJECTS

**US 67 / 167 FROM LONOKE COUNTY LINE TO NORTH OF EXIT 19
And other roadways in the city**



CITY BEAUTIFICATION PROJECTS

**US 67 / 167 FROM LONOKE COUNTY LINE TO NORTH OF EXIT 19
And other roadways in the city**



CITY BEAUTIFICATION PROJECTS

**US 67 / 167 FROM LONOKE COUNTY LINE TO NORTH OF EXIT 19
And other roadways in the city**



CITY BEAUTIFICATION PROJECTS

US 67 / 167 FROM LONOKE COUNTY LINE TO NORTH OF EXIT 19

And other roadways in the city

(South 2nd Street Quarry)



- ❖ Consolidation of part time functions into full time effort
- ❖ Procurement of state-of-the-art mowing and maintenance equipment
- ❖ Clearing and maintaining US 67 / 167 from Lonoke County Line to north of Exit 19 (Main Street) including Exits 16 and 19
- ❖ Main Street StreetScape
- ❖ Downtown First Street, Second Street and Railroad
- ❖ Revenue producer by contracting with the Arkansas Highway and Transportation Department for mowing and litter on US 67 / 167
- ❖ Overall emphasis to show interstate traffic, Main Street visitors, and residents a positive image of Cabot
- ❖ Provide better view for interstate traffic of Cabot major shopping complexes
- ❖ Ongoing Project

Renovate City Hall Complex Parking Lot Complete



Renovate City Hall Complex Parking Lot

Completed 10/08/2014 on projected design, time and cost



LEFT TURN LANE LAKEWOOD DRIVE

Westbound on SH 321

Complete



LEFT TURN LANE LAKEWOOD DRIVE

Westbound on SH 321

Complete 08/26/2014 on projected design time and cost



LEFT TURN LANE LAKEWOOD DRIVE

Included Right Turn Lane at Locust and SH 89

Complete 10/14/2014



Traffic Flow Improvement Merge Lane Little Rock On Ramp Exit 16

Complete 05/2017



**Traffic Flow Improvement
Merge and Stacking Lane at
Cabot Middle School South on
Panther Trail
Complete 08/07/2018**



Traffic Flow Improvement

Expanded turn radius at Pond and Kerr Station

Improve School Bus Traffic Flow Complete 05/2017



Traffic Flow Improvement Right Turn Lane at Plaza Boulevard to SH 89 South Projected Completion 11/15/2018



Traffic Flow Improvement Elm Street Extension 4th to 8th Streets

Alternative to Main Street from 10th to Lincoln Streets

- ❖ Potentially reduce traffic workload on Main Street
- ❖ Encourage Community and Economic Development in the area



DIAMOND CREEK DRAINAGE IMPROVEMENTS

***Includes reestablishing base flood elevations, which
could help residents in some areas
reduce cost of flood insurance***

***Project will have to work around spring weather
All complete on design, time and cost but base flood
elevation study,
Complete in 2017***



***Final Base Flood Elevations pending final
determination by FEMA 06/18/2018***

DIAMOND CREEK DRAINAGE IMPROVEMENTS

08/02/2015 Kerr Station Road south of Marshall Lane



DIAMOND CREEK DRAINAGE IMPROVEMENTS

***10/05/2015 Campground Road at Kerr Station Road
By the Community Pond Park
Opened 10/04/2015***



Includes new right turn lane

DIAMOND CREEK DRAINAGE IMPROVEMENTS

*06/30/2015 sewer line replacement west of Kerr
Station Road toward wastewater treatment facility
Project is Complete*



DIAMOND CREEK DRAINAGE IMPROVEMENTS

*Kerr Station Road Near SH 321
Open to traffic on 01/08/2016*



Kerr Station and Candlewood DRAINAGE IMPROVEMENTS

Complete 05/30/2019



Central Detention Pond

- ❖ Behind Central Elementary School
- ❖ 50/50 % grant from Arkansas Department of Emergency Management
- ❖ Detain flash flood water from the Kerr Station Drainage Basin
- ❖ Complete 06/11/2015 on projected design, time and cost



DEVELOP AND IMPLEMENT TRAFFIC SIGNAL NETWORK & MANAGEMENT

To improve traffic flow and reduce congestion

- ❖ **Request for Qualifications for Engineering Design Services, including project design, bidding, award, and construction, and project management advertised April 2, 2018**
- ❖ **Recommendation from Evaluations Rating Team of Staff, Metroplan, and ARDOT to select Neel-Schaffer, Inc. of Jacksonville, Mississippi**
- ❖ **Agreement recommendation to City Council in the July 2018 Meeting**
- ❖ **Project Grant and Budget Funding included in FY 2018 & 2019 budgets**
- ❖ **Project time line targets completion by the end of 2019**



PHASE I Complete - Base Communications Network at Signal Locations

- ❖ Install LED lights in all traffic signals saving energy and costs
- ❖ Upgraded traffic detection system at Exit 16
- ❖ Install state-of-the-art controllers and technology in cabinets at all major intersections to improve flow and ultimately integrate with centralized traffic management control system Phase II
- ❖ Install state-of-the-art conflict monitors in cabinets at all major intersections to avoid conflicting traffic signals and accidents
- ❖ Evaluate and implement improved traffic programs management for major intersections
- ❖ Certify staff Traffic Management Technician with backups

PHASE II Finalize Monitoring and Control Center For all 19 Signals – 2018 / 2019

Primarily the Main Street Corridor and Second Street Corridor downtown as well as Exits 16 and 19

- ❖ Implement centralized and monitoring control center at City Hall for adaptive “real time” traffic management including real time video monitoring at all major intersections and software, technology, and state-of-the-art communications network for all traffic signals to communicate
- ❖ Install centralized wireless communication system replacing aged technology to communicate with all traffic master signal controllers, wireless Ethernet to master control center at city hall and includes cameras at all signal intersections
 - Connectivity and emergency vehicle preemption (Smart City)
 - Controller upgrades and detection upgrades
 - PTZ Cameras for traffic monitoring
 - Peer to peer traffic responsive
- ❖ Reevaluate all traffic programs and plans at major intersections for improved traffic flow and efficiency (ArDOT and Third-Party Consultant, RFQ'd, if needed)
- ❖ Advanced Signal Coordination Surface Transportation Grant obtained and project planning is in motion for fall of 2018 with completion in 2019
- ❖ The funding for this project is \$400,000 TAP Grant ArDOT and Metroplan and \$100,000 Match paid by the city
- ❖ Battery power backup is being installed at critical intersections, three are complete, funded by budget over the next several years

STREET OVERLAY PROJECTS

Multi-million Strategic Plan 2014 -2024

Funded by Street Fund and State Aid Grants

\$.05 New Highway Construction Funding is a 10 year sunset 2024



HISTORICAL DATA Street Fund

YEAR	STREET REPAIRS	STREET FUNDS TURNBACK	STREET FUNDS \$.05 NEW HWY CONST	COUNTY ROAD TAX	STREET IMPS	DRAINAGE IMPS
2012	144	\$ 1,087,409	\$ -	\$ 311,453	\$ 317,354	\$ 248,057
2013	86	\$ 1,150,394	\$ 68,957	\$ 307,579	\$ 251,593	\$ 149,491
2014	138	\$ 1,130,031	\$ 440,113	\$ 309,638	\$ 629,155	\$ 141,055
2015	156	\$ 1,021,030	\$ 425,852	\$ 285,945	\$ 345,830	\$ 267,732
2016	99	\$ 1,088,206	\$ 482,395	\$ 323,894	\$ 154,041	\$ 627,564

- ❖ In 2013, the Street Department did an intensive inventory of all streets maintained by the city, example shown below
- ❖ Updated bi-annually, currently being updated in 2017
- ❖ Will be the benchmark and basis for repairs and overlays
- ❖ 2015 city maintained streets were 176.7 miles
- ❖ 37.7% of streets needed overlay at that time 66.7 miles 5.6 completed, will obviously grow with deterioration, estimate at another 10 miles

STREETS	FROM	TO	MILES	CRACKS	CUTS	HOLES	SIDEWALK	O	P	CS	EP	ET	D
ALAMOSA DRIVE	GREYSTONE BLVD.	END	0.2	2%	0	0	PARTIAL				X		
ABERDOUR DRIVE	GREYSTONE BLVD.	GREYSTONE BLVD.	0.3	0%	0	1	NO	X		X	X		
ALETHA COVE	LINDA LANE	END (CUL)	0.1	6%	0	0	NO			X			
ALEXIS DRIVE	HWY89/S.PINE	FRANCIS ST concrete	0.3	50%	7	0	NO	X		X			
ALGONQUIN COURT	ALGONQUIN DRIVE	END	0.1	1%	2	0	NO			X	X		
ALGONQUIN DRIVE	CYPRESS CREEK DR	END	0.1	1%	1	0	YES			X			
ALLISON DRIVE	PAIGE AVENUE	S. FIRST STREET	0.1	5%	0	0	NO			X			

- ❖ **Street excavation and paving is a prerequisite to overlays in order to have a sound long term base**
- ❖ **Priorities for excavation and paving are based on traffic volumes, number of residences or business served, level of deterioration and failure (more than 50% of crack and seal needed, excessive repaired cuts and holes, and a number of excavates partial or total), any health and safety issues, and funding required and available**
- ❖ **A street and excavation paving list for 2017 and 2018 is shown in the next slide followed by overlays**
- ❖ **Project started in late 2014 (ArDOT September 2014 bid letting) with \$250,000 grant from the Arkansas Highway and Transportation Department (ArDOT) and Cabot Budgeted street funding**
- ❖ **First phase was handled by the ArDOT who engineered, bid, and project managed the first twelve overlay projects for 2014 / 2015**
- ❖ **Project complete \$594,980 at a cost of \$106,246 per mile**
- ❖ **Funding: City \$243,536. County \$101,444, State Aid Grant \$250,000**
- ❖ **Pickthorne Road and Campground Road were a partnership with the County who has contributed over \$101,444 to these two projects**
- ❖ **Cabot Public Works spent time in 2014 preparing ditches and repair sub bases for the overlay projects as well as the future**
- ❖ **Thereafter and annually projects will be prioritized and handled by Cabot Public Works with one half cent state turnback and any local funding plus any available grants that will be sought by specific definition of overlays**
- ❖ **Due to Highlands Drainage Improvements, no street funds available for 2016 and the fact that we had a pending State Aid Grant request pending for 2016 for Elm Street in the amount of \$485,000, 20% match required, approval¹⁴⁰ obtained and final design in process which will tune projected local match**

Street Excavating and Paving 2018

As available funding from street fund, general fund and any grants

PRIORITY	STREET	Length	Width	Square footage	Price per SF	Estimated Total
1	Fairway Drive (concrete)	511	26	13,286	\$8.00	\$ 106,288.00
2	26 Timberwood Drive	130	21	2,730	\$6.00	\$ 16,380.00
3	15 Amy Street (concrete)	32	10	320	\$8.00	\$ 2,560.00
4	262 Deer Creek	30	10	300	\$6.00	\$ 1,800.00
5	292 Deer Creek	50	10	500	\$6.00	\$ 3,000.00
6	291 Deer Creek	13	10	130	\$6.00	\$ 780.00
7	291 Deer Creek	17	7	119	\$6.00	\$ 714.00
8	312 Deer Creek in the curve	60	25	1,500	\$6.00	\$ 9,000.00
9	372 Deer Creek	60	10	600	\$6.00	\$ 3,600.00
10	372 Deer Creek	10	8	80	\$6.00	\$ 480.00
11	411 Deer Creek	69	8	552	\$6.00	\$ 3,312.00
12	411 Deer Creek	40	8	320	\$6.00	\$ 1,920.00
13	491 Deer Creek	75	6	450	\$6.00	\$ 2,700.00
14	641 Deer Creek	65	8	520	\$6.00	\$ 3,120.00
15	Birchwood Drive	180	22	3,960	\$6.00	\$ 23,760.00
16	Back Forty cul-de-sac	305	30	9,150	\$6.00	\$ 54,900.00
17	15 War Eagle	90	23	2,070	\$6.00	\$ 12,420.00
18	Jay Circle (Concrete with asphalt top)		24	0	\$8.00	\$ -
19	Edgehill Cove	526	22	11,572	\$6.00	\$ 69,432.00
20	Elk Bear Lane	587	24	14,088	\$6.00	\$ 84,528.00
21	Cleveland Street	318	30	9,540	\$6.00	\$ 57,240.00
22	Birchwood Circle	280	24	6,720	\$6.00	\$ 40,320.00
23	Lakeview Dr. @ Magness Creek	480	24	11,520	\$6.00	\$ 69,120.00
24	Waterford @ Calcutta	80	24	1,920	\$6.00	\$ 11,520.00
25	McAfee Cir @ Cypress Pt. St.	44	24	1,056	\$6.00	\$ 6,336.00
26	507 Cobblestone	12	10	120	\$6.00	\$ 720.00
27	Sun Terrace	1040	24	24,960	\$6.00	\$ 149,760.00
28	Mystery Lake	80	24	1,920	\$6.00	\$ 11,520.00
29	Berrypatch Cv.	30	10	300	\$6.00	\$ 1,800.00
30	Berrypatch Cv.	80	23	1,840	\$6.00	\$ 11,040.00
31	Beechwood Drive	165	23	3,795	\$6.00	\$ 22,770.00

STREET OVERLAY PROJECTS

2014 / 2015

ALL OVERLAYS COMPLETE

5.6 miles Cost per Mile \$105,306

PRIORITY	STREETS	FROM	TO
1	LOCUST STREET	2ND	OLIVE
2	FRANCIS STREET	HWY 89 SOUTH PINE	MEADOWLARK DRIVE
3	CONFEDERATE	CHELSEA	CONFEDERATE CV
4	PLEASANT STREET	LILLIE STREET	E. MAIN STREET
5	GUM STREET	HWY38/N.LINCOLN ST.	CAMPBELL DRIVE
6	CAMPBELL ST.	LINCOLN	JR HIGH NORTH CONNECTION
7	"G" STREET	LINDA LANE	END
8	PICKTHORNE ROAD	KERR STATION ROAD	HWY 89/S. PINE
9	GETTYSBURG NORTH	SHENANDOAH WAY	SHENANDOAH WAY
	GETTYSBURG SOUTH	SHENANDOAH WAY	CONFEDERATE DR
10	N. 4th STREET	HWY89/W.MAIN	W. CHERRY STREET
11	SOUTH GRANT ST.	HWY89/PINE STREET	END
11A	CAMPGROUND	HWY 89	STAGECOACH

STREET OVERLAY PROJECTS

2014 / 2015

Campbell Street



07/28/2014



COMPLETE
08/08/2014

STREET OVERLAY PROJECTS

2018

PRIORITY	STREETS	FROM	TO	LENGTH	WIDTH	TOTAL SF	TOTAL SY	TOTAL TN	TN PRICE	TOTAL PRICE
1	Glendale Drive	E. Mt. Springs Rd	End (Cul)	2000	20	40000	4444.444	488.8889	\$125.00	\$61,111.11
2	Red Oak Drive	Linda Lane	G. Street	1130	23	50600	5622.222	618.4444	\$125.00	\$77,305.56
3	War Eagle Drive	Timberwood Drive	Elk Bear Lane	700	23	16100	1788.889	196.7778	\$125.00	\$24,597.22
4	Birchwood Drive	Crestwood Drive	End	1584	20	31680	3520	387.2	\$125.00	\$48,400.00
5	Knollwood Drive	Glenwood Drive	End (Cul)	450	20	9000	1000	110	\$125.00	\$13,750.00
6	Pine Terrace Drive	Hwy 89 S. Pine St	End (Cul)	1250	20	25000	2777.778	305.5556	\$125.00	\$30,555.56
7	Cinema Blvd.	N. 9th Street	N. 10th Street	528	23	12144	1349.333	148.4267	\$125.00	\$18,553.33

Did not get a grant from The Arkansas State Aid Grant Funding in 2016 /2017
None anticipated for the next few years

HIGHWAY OVERLAY PROJECTS

2017 funded by STIP Funding no match

Complete

- ❖ **SH 367 all the way through town**
- ❖ **SH 89 north of south city limits to near Arkansas Revenue Office**

The city is worked with the AHTD to widen the footprint and include bike lanes; but, they did not permit

Strategic Funding Needs July 2017 July 2022

- ❖ **\$ 7,608,545 Regular Street and Drainage**
- ❖ **\$ 2,537,030 Street Excavating and Repair**
- ❖ **\$ 8,229,718 Street Overlays**
- ❖ **\$18,375,293 Grand Total**
- ❖ **\$11,022,681 Projected Turnback Funding Available**
- ❖ **\$ 7,352,612 Funding needed**

The city basically did not adequately address street reinvestment through 2010 and catching up will be a significant investment!

Strategic Funding Plan for Overlays

As Funding Available

- ❖ 2018 Planned Overlays – 3.05 miles \$324,050, 1.45 miles priority
- ❖ 2019 Planned Overlays – 4.88 miles \$518,829
- ❖ 2020 Planned Overlays – 4.98 miles \$529,002
- ❖ 2021 Planned Overlays – 5.06 miles \$539,175
- ❖ 2022 and Beyond Planned Overlays – 53.1 miles \$6,318,662
- ❖ Total Overlay Program - 71.1 miles \$8,229,718
- ❖ It is anticipated that in the 2021 time frame, the city should be able to consider **SALES AND USE TAX REFUNDING AND IMPROVEMENT BONDS** to provide funding for capital projects such as overlays and street improvements as well as community and economic development, voted on by the residents
- ❖ The remaining 53.1 miles of overlays needed would be bond funded or \$6,318,662 by this initiative starting in 2022 and concluding in 2023 / 2024

Note – Above numbers include projected inflation and economy of scale of bidding out larger jobs, particularly the one large job funded by bond funding

COMMUNITY AND ECONOMIC DEVELOPMENT

Cabot City Website www.cabotar.gov

"Cabot, Arkansas Trade Area Profile Summary"

Look on Home Page for "Mayor's Corner"



Imagine!

CABOT

❖ *Community Development in partnership with the Cabot Chamber of Commerce*



Our Mission

Community and Economic Development planning is a process that seeks to engage all members of our community to create more prosperous, convenient, equitable, healthy, sustainable, and attractive places for present and future generations with the ultimate goal to overall improve the quality of life in Cabot, Arkansas. Overall long term project addresses quality of life for citizens, health and fitness of citizens and employees of city, and economic development.



Quality of life is economic development; we are building a city where your kids and grandkids will want to live! Individuals play games, teams win championships!

TEAMWORK!

Makes it Happen!

